

FIG. 1 is a block diagram of a Personal Video Recorder (101) system. The system includes a Signal source (104) connected to the Personal Video Recorder (101). Inside the PVR (101), the signal passes through a Data Buffer (108) to a Processor (103). The Processor (103) is connected to a Hard Drive (107), an Optical receiver (105), and a Disk Drive (110). The Optical receiver (105) is connected to an external antenna (106) via a lightning bolt symbol, indicating a wireless connection. The antenna (106) is labeled with 111. The PVR (101) is also connected to a Television (102) and a VCR (109).

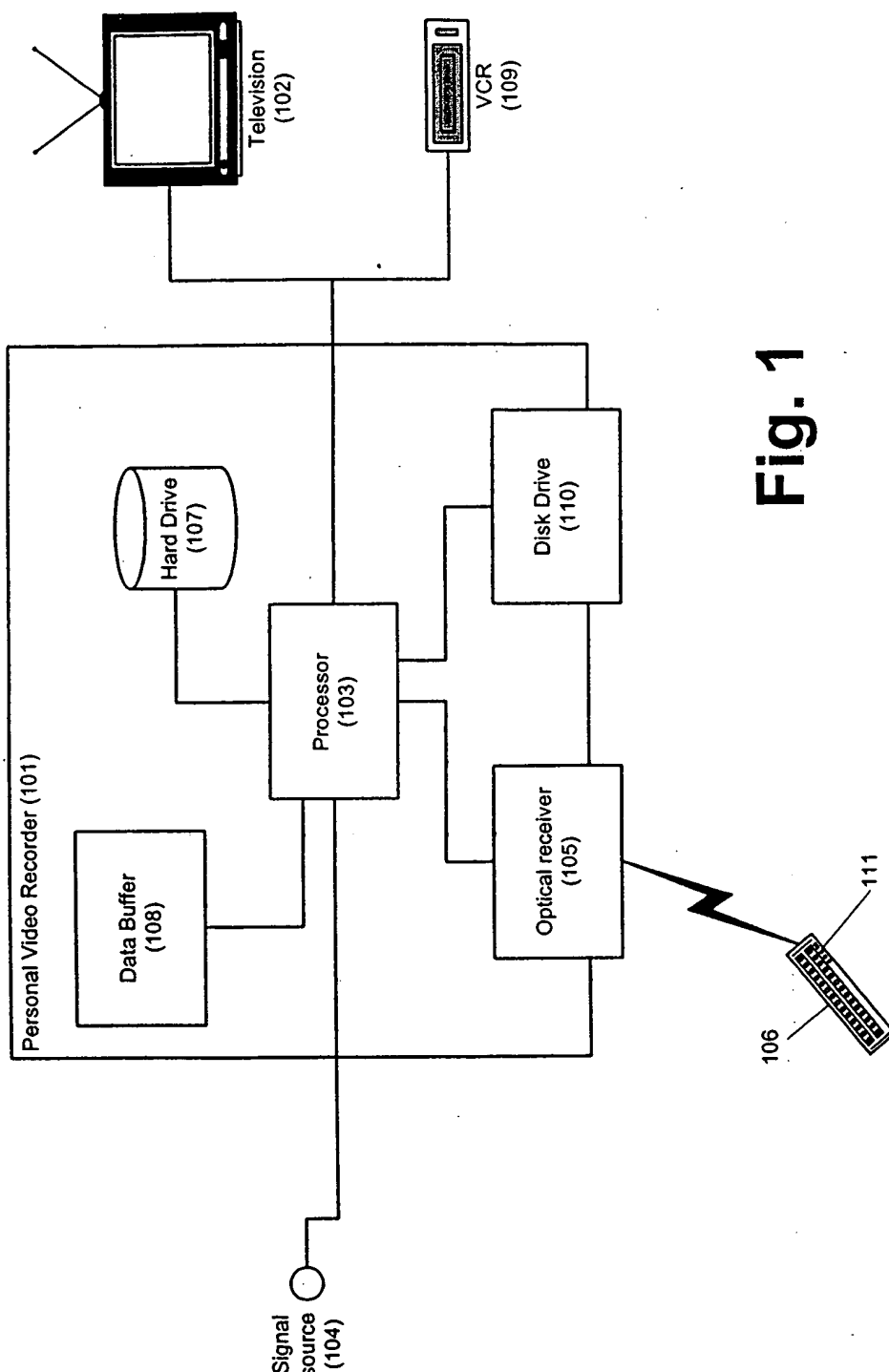


Fig. 1

FIG. 2 is a block diagram of a Personal Video Recorder (101) in accordance with the present invention. The PVR (101) includes a Signal source (104) connected to a Processor (103). The Processor (103) is connected to a Data Buffer (108), a Hard Drive (107), and an Optical receiver (105). The Optical receiver (105) is connected to a Bookmark FIFO Buffer (201). The Bookmark FIFO Buffer (201) is connected to the Processor (103). The Processor (103) is also connected to a Television (102). The Optical receiver (105) is connected to an antenna (106) which is connected to a receiver (111).

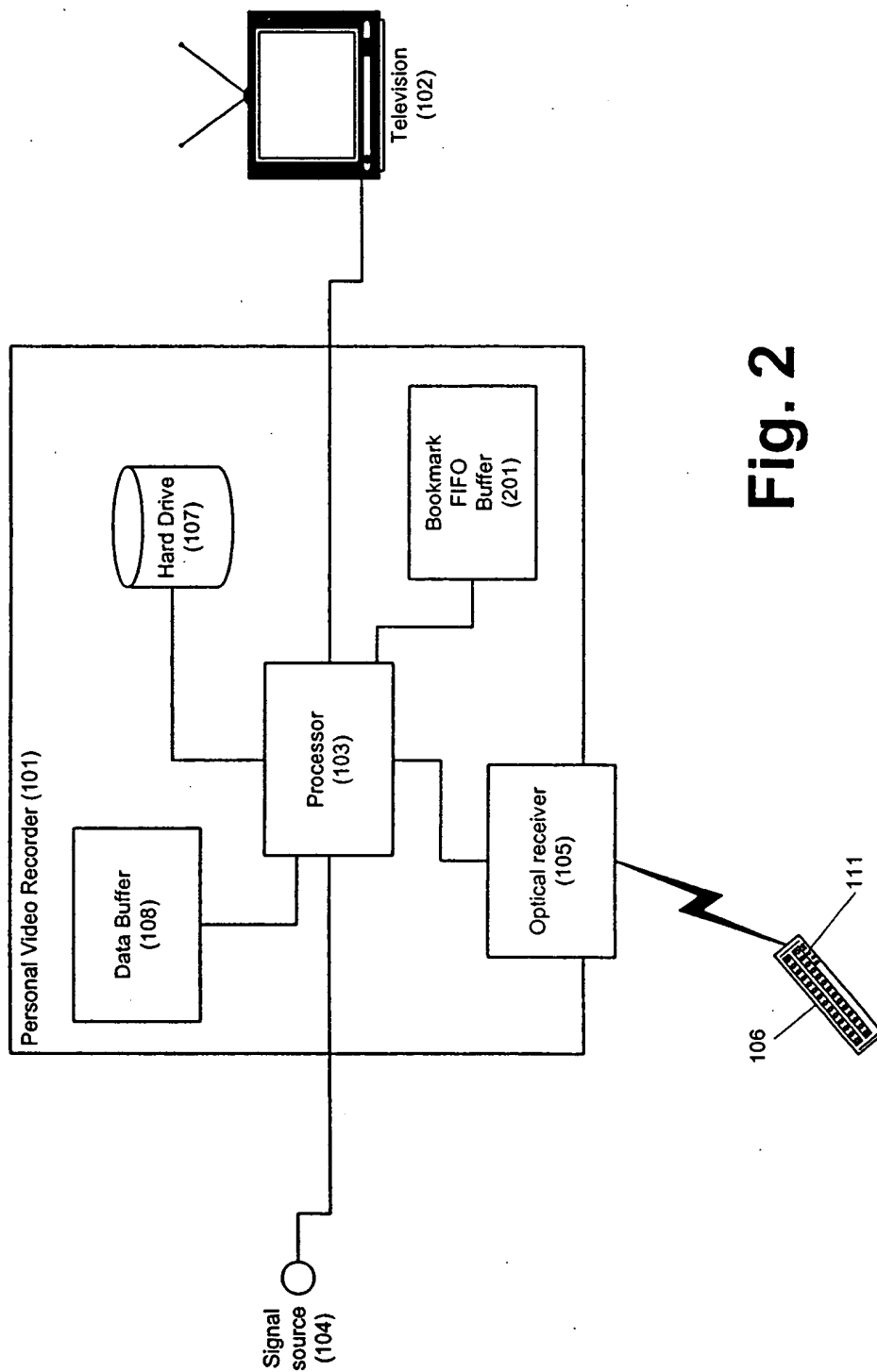


Fig. 2

FIG. 3 is a block diagram of a Personal Video Recorder (101) system. The system includes a Signal source (104) connected to the Personal Video Recorder (101). Inside the recorder, the signal passes through a Data Buffer (108) and a Processor (103). The Processor (103) is also connected to a Hard Drive (107). The output of the Processor (103) is sent to an Optical receiver (105). The Optical receiver (105) is connected to a Television (102). Additionally, the Optical receiver (105) is connected to a keyboard (106) and two remote controls (106B and 106C).

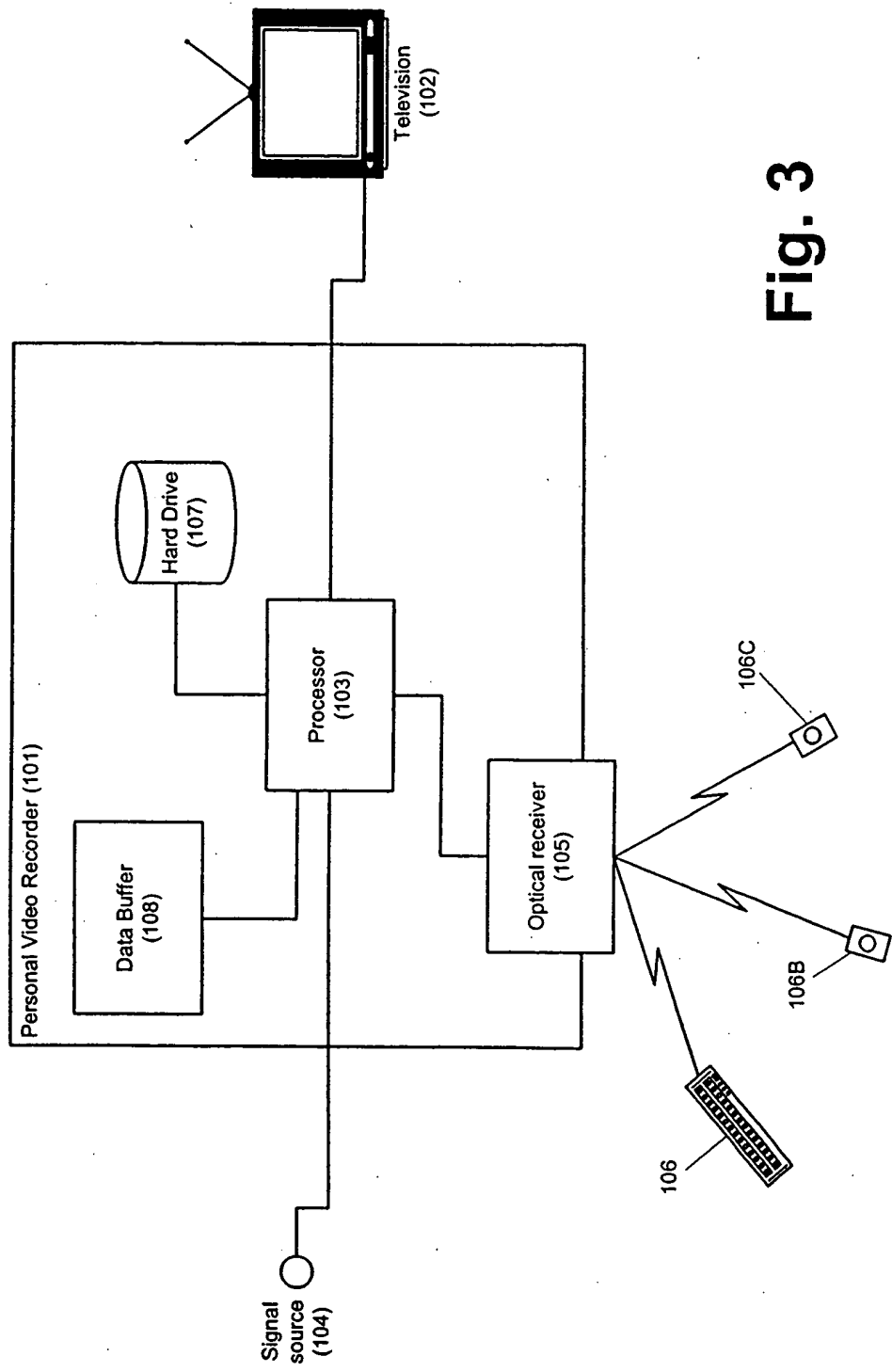


Fig. 3

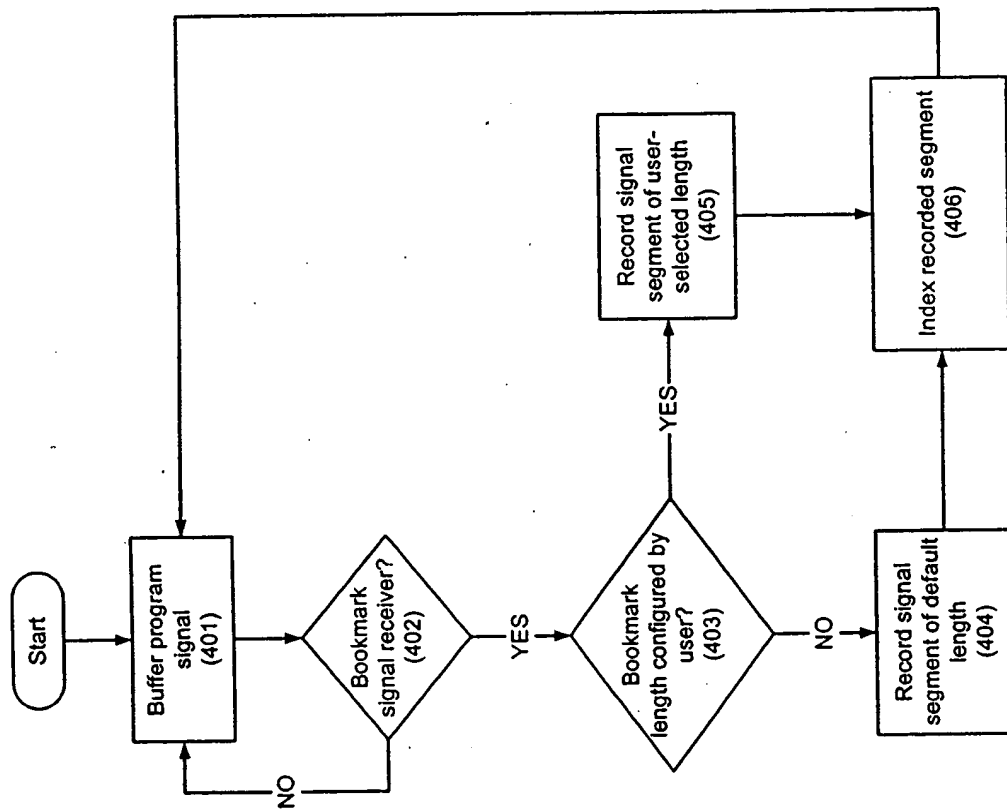


Fig. 4